

Converting Colors

Decimal(12321020)

Have a look what the booklet for
Decimal(12321020) contains.

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Color

Decimal(12321020)

Conversions

Conversions Part 1

Format	Color
Hex	BC00FC
RGB	188, 0, 252
RGB Percent	74%, 0%, 99%
CMY	0.2627, 1.0000, 0.0118
CMYK	0.25, 1.00, 0.00, 0.01
HSL	285°, 100%, 49%
HSV	285°, 100%, 99%
XYZ	38.3097, 17.7196, 93.4965
YIQ	84.9400, 31.1560, 118.2280

Conversions

Conversions Part 2

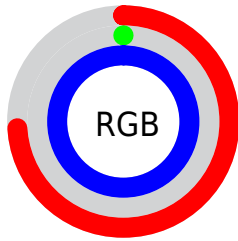
Format	Color
RYB	188, 0, 252
Decimal	12321020
CIELab	49.15, 88.50, -77.76
CIELCh	49, 117.812, 318.696
Yxy	17.7196, 0.2562, 0.1185
Android (android.graphics.Color)	4290511100 (0xFFBC00FC)
YUV	84.9400, 82.3606, 90.3836
Hunter-Lab	42.0947, 88.7843, -102.2227

Details

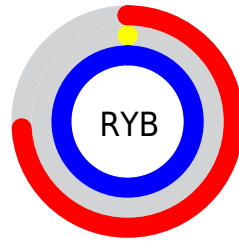
The Decimal color **12321020** is a dark color, and the websafe version is hex **CC00FF**. The color can be described as middle saturated purple. A complement of this color would be **4258816**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **16408063**, and **8323266** is the 20% darker color. If you saturate the color by 10%, you get **12321020**, and if you desaturate by 10%, it is **12720636**.

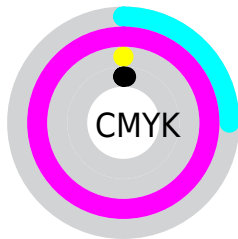
Distribution



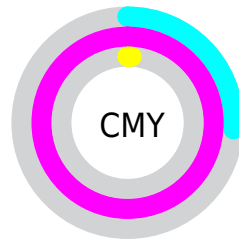
- Red (74%)
- Green (0%)
- Blue (99%)



- Red (74%)
- Yellow (0%)
- Blue (99%)



- Cyan (25%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)



- Cyan (26%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12321020 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 12321020 by changing the saturation by 10% instead.

 12321020

 12321020

16777215

 10354911

 16408063

 8323266

 16743679

 6291622

 16751359

 4194443


 16759039

 2031728

 16766719

 86

 16774655


 1598

 807

 273

 12321020

 12720636

 13185788

 13585660

 14050812

 14450428

 14850044

 15315196

 15715068

 16180220

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



28671



12321020



16711839

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12321020



11363072



39091

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



12321020



4258816

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38474



12321020



5341952

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12321020



15663104



36864



39423

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12321020



16711774



36864



39057

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



12321020



15512575



17404



7623296



0



8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12321020



12452095



16515265



8024189



9240765



3014717

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16515136



16711745



64571



8220788



12386352



3997712

Previews

White Background



This preview shows how the Decimal color 12321020 looks on a white background.

Color Contrast Check

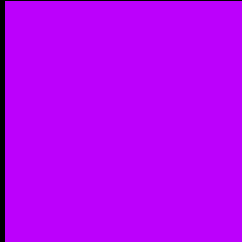
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 12321020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 12321020 Background



This preview shows how black text looks on a background with the Decimal color 12321020.

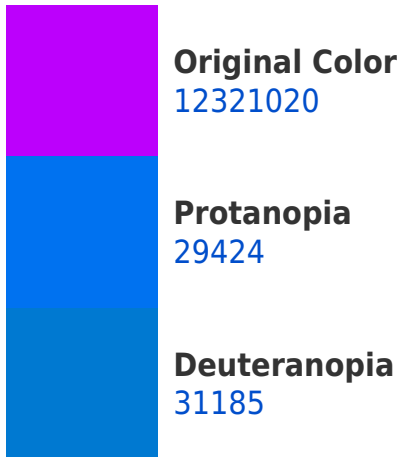


This preview shows how white text looks on a background with the Decimal color 12321020.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
10838890

Trichromacy



Original Color
12321020



Protanomaly
4475380



Deuteranomaly
4476385



Tritanomaly
11354015

Monochromacy



Original Color
12321020



Achromatopsia
5592405



Achromatomaly
8009362

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12321020 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BC00FC looks like.

```
.text, #text, p{  
    color:#BC00FC  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BC00FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC00FC
}
```

Border

The CSS property to change the border of an element to Decimal 12321020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BC00FC }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BC00FC }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BC00FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC00FC; -webkit-box-shadow:4px 4px  
4px 4px #BC00FC; box-shadow:4px 4px 4px  
4px #BC00FC }
```

Background

The CSS property to change the background color of an element to Decimal 12321020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC00FC }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BC00FC }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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